

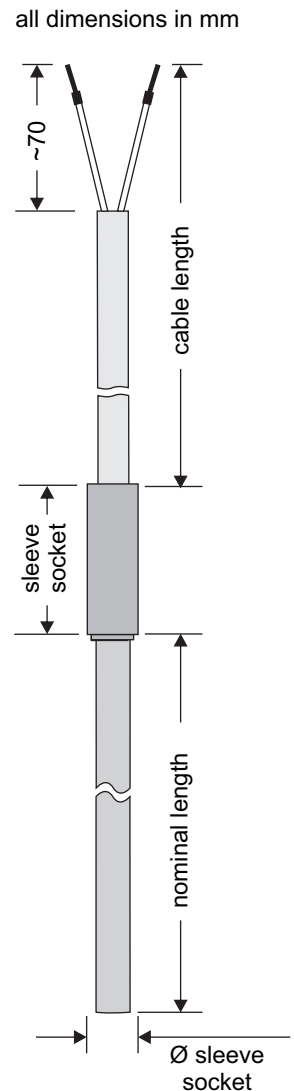
## ● Characteristics

1 - TEMPERATURE - PROBE - RTD - SLEEVE SOCKET

<b>Sensor:</b>	Pt100 / Pt1000 / 2x Pt100 / 2x Pt1000 The operative temperature range is dependent on the selected connection cable.
<b>Type:</b>	2-wire / 3-wire / 4-wire
<b>Accuracy:</b>	class A / class B / B1/2 DIN / B1/3 DIN / B1/10DIN
<b>Protective sheath:</b>	stainless steel 1.4571
<b>Ø Protective sheath:</b>	4 / 5 / 6 mm
<b>Nominal length:</b>	standard: 25 mm (Ø4) / 45 mm (Ø4) 45 mm (Ø5) / 41 mm (Ø6) / 65 mm (Ø6) maximum length: 200 mm option: according to details
<b>Connection cable:</b>	PVC-PVC / PTFE-silicone / PTFE-PTFE / PTFE-braiding-PTFE / Fibreglass-Fibreglass-stainless steel braiding (2x 4-wire only possible with PTFE-silicone)
<b>Connection:</b>	open ends, end splice, 70 mm option: other length
<b>Cable length:</b>	standard: 2 m option: according to details
<b>Sleeve socket:</b>	inset with potting
<b>Protection:</b>	IP 65 (up to 250 °C) not for stainless steel braiding
<b>Insulating resistance:</b>	test voltage 300 VDC
<b>Mineral insulator:</b>	without
<b>Response time:</b>	sheath 6x0,5 mm: t <sub>90</sub> : 20 s / t <sub>50</sub> : 5 s



**Type approval**  
**75 349 - 09 HH**

**Protecting tube and wall:**

Standard: 25 mm (Ø4 x 0,25) / 45 mm (Ø4 x 0,25) / 45 mm (Ø5 x 0,4) / 41 mm (Ø6 x 0,4) / 65 mm (Ø6 x 0,4)  
Options: 4x0,3 / 4x0,5 / 5x0,5 / 6x0,5 / 6x1 mm

**Connection cable:**

PVC-PVC: 2x0,5 mm<sup>2</sup> / PTFE-silicone: 2x0,22 mm<sup>2</sup> and 4x0,22 mm<sup>2</sup> / PTFE-PTFE: 2x0,12 mm<sup>2</sup> and 4x0,22 mm<sup>2</sup>  
PTFE-braiding-PTFE: 2x0,22 mm<sup>2</sup> and 4x0,22 mm<sup>2</sup> / PTFE single wire: 1x0,22 mm<sup>2</sup> (rd, wh)  
Fibreglass-Fibreglass-SS braiding: 4x0,22 mm<sup>2</sup>

**Maximum operative temperature range:**

Sensor RTD: -200...+450 °C  
Protective sheath: stainless steel 1.4571 (316Ti): up to 600°C  
Connection cable: PVC: -5...70°C / silicone: -45...180°C / PTFE: -75...250°C / Fibreglass/stainless steel braiding: -60...550°C

● **Ordering details**

Product code: KV

**Sensor**

- 4 1x PT100
- 5 1x PT1000
- 6 2x PT100
- 7 2x PT1000

**Type**

- 0 2-wire
- 1 3-wire
- 3 4-wire

**Accuracy**

- 0 class A
- 1 class B
- 2 B1/2 DIN
- 3 B1/3 DIN
- 4 B1/10DIN

**Material protective sheath**

- 0 stainless steell 1.4571

**Ø protective sheath**

- 0 4 mm
- 1 5 mm
- 2 6 mm

**Nominal length**

- 0 25 mm (Ø4)
- 1 41 mm (Ø6)
- 2 45 mm (Ø4)
- 3 45 mm (Ø5)
- 4 65 mm (Ø6)
- 5 other length (maximum 200 mm)

 mm

**Sleeve socket**

please indicate

x

mm

Ø sleeve socket

length

**Connection cable**

- 0 PVC/PVC
- 1 PTFE/silicone
- 2 PTFE/PTFE
- 3 PTFE/braiding/PTFE
- 4 F-glass/F-glass/ss braiding

**Connection**

- 0 open ends (standard 70 mm)
- 1 open end (other length)

 mm

**Cable length**

- 0 2 m
- 1 other length

 mm

**Used temperature range**

please indicate

-

°C